

> s 116 and stress
L20 117 L16 AND STRESS

=> dup rem 119

DUPLICATE IS NOT AVAILABLE IN 'DRUGLAUNCH'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L19

L21 11 DUP REM L19 (1 DUPLICATE REMOVED)

=> d 1-11

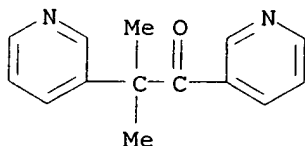
L21 ANSWER 1 OF 11 USPATFULL
AN 2003:85867 USPATFULL
TI Oral delivery formulation
IN Compton, Bruce Jon, Lexington, MA, UNITED STATES
Solaris, Nancy E., West Newton, MA, UNITED STATES
Flangan, Margaret A., Stow, MA, UNITED STATES
PI US 2003059471 A1 20030327
AI US 2001-997277 A1 20011129 (9)
RLI Continuation of Ser. No. US 1998-55560, filed on 6 Apr 1998, ABANDONED
PRAI US 1997-69501P 19971215 (60)
US 1998-73867P 19980204 (60)
DT Utility
FS APPLICATION
LN.CNT 2950
INCL INCLM: 424/489.000
NCL NCLM: 424/489.000
IC [7]
ICM: A61K009-14

L21 ANSWER 2 OF 11 USPATFULL
AN 2002:322507 USPATFULL
TI Membrane associated proteins
IN Lal, Preeti, Santa Clara, CA, UNITED STATES
Yue, Henry, Sunnyvale, CA, UNITED STATES
Tang, Y. Tom, San Jose, CA, UNITED STATES
Bandman, Olga, Mountain View, CA, UNITED STATES
Burford, Neil, Durham, CT, UNITED STATES
Azimzai, Yalda, Castro Valley, CA, UNITED STATES
Baughn, Mariah R., San Leandro, CA, UNITED STATES
Lu, Dyung Aina M., San Jose, CA, UNITED STATES
Patterson, Chandra, Menlo Park, CA, UNITED STATES
PI US 2002182671 A1 20021205
AI US 2001-965529 A1 20010926 (9)
PRAI WO 2000-US22315 20000814
US 1999-149641P 19990817 (60)
US 1999-164203P 19991109 (60)
DT Utility
FS APPLICATION
LN.CNT 8210
INCL INCLM: 435/069.100
INCLS: 435/325.000; 435/320.100; 435/252.300; 800/008.000; 530/350.000;
536/023.500
NCL NCLM: 435/069.100
NCLS: 435/325.000; 435/320.100; 435/252.300; 800/008.000; 530/350.000;
536/023.500
IC [7]
ICM: A01K067-00
ICS: C07H021-04; C12P021-02; C12N001-21; C12N005-06; C07K014-435
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L21 ANSWER 3 OF 11 USPATFULL

L27 ANSWER 5 OF 5 WPIDS (C) 2003 THOMSON DERWENT
 AN 2000-587472 [55] WPIDS
 DNC C2000-175269
 TI Composition for promoting production gain and enhancing efficacy of
 therapeutic agents in animals comprises therapeutic agent and anti-
 stress agent.
 DC B05 C03
 IN COOK, C J
 PA (HORT-N) HORTICULTURE & FOOD RES INST NEW ZEALAND
 CYC 92
 PI WO 2000054766 A1 20000921 (200055)* EN 59p A61K031-165
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL
 OA PT SD SE SL SZ TZ UG ZW
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE
 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
 SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
 AU 2000033372 A 20001004 (200101) A61K031-165
 EP 1169030 A1 20020109 (200205) EN A61K031-165
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
 RO SE SI
 NZ 334627 A 20020726 (200262) A61K031-70
 ADT WO 2000054766 A1 WO 2000-NZ26 20000313; AU 2000033372 A AU 2000-33372
 20000313; EP 1169030 A1 EP 2000-911506 20000313, WO 2000-NZ26 20000313; NZ
 334627 A NZ 1999-334627 19990312
 FDT AU 2000033372 A Based on WO 200054766; EP 1169030 A1 Based on WO 200054766
 PRAI NZ 1999-334627 19990312
 IC ICM A61K031-165; A61K031-70
 ICS A61K031-045; A61K031-195; A61K031-365; A61K031-375; A61K031-425;
 A61K031-44; A61K031-55; A61K031-565; A61K031-57; A61P025-20;
 A61P033-10

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
 RN 54-36-4 REGISTRY
 CN 1-Propanone, 2-methyl-1,2-di-3-pyridinyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propanone, 2-methyl-1,2-di-3-pyridyl- (6CI, 8CI)
 OTHER NAMES:
 CN 1,2-Bis(3-pyridyl)-2-methyl-1-propanone
 CN 2-Methyl-1,2-bis(3-pyridyl)-1-propanone
 CN 2-Methyl-1,2-di(.beta.-pyridyl)-1-propanone
 CN 2-Methyl-1,2-di-3-pyridyl-1-propanone
 CN Mepyrapone
 CN Methapyrapone
 CN Methbipyranone
 CN Methopirapone
 CN Methopyrapone
 CN Methopyrinine
 CN Methopyrone
 CN Metopiron
 CN Metopirone
 CN Metopyrone
 CN Metroprione
 CN Metyrapon
 CN **Metyrapone**
 CN Su 4885
 FS 3D CONCORD
 DR 37245-80-0
 MF C14 H14 N2 O
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS,
 BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT,
 CHEMCATS, CHEMLIST, CSChem, DDFU, DIOGENES, DRUGU, EMBASE, HODOC*,
 HSDB*, IPA, MEDLINE, MRCK*, NIOSHTIC, PROMT, RTECS*, SPECINFO,
 TOXCENTER, USAN, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1521 REFERENCES IN FILE CA (1962 TO DATE)
 28 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1521 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 145 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```

L4      ANSWER 1 OF 1      REGISTRY    COPYRIGHT 2003 ACS
RN      84371-65-3      REGISTRY
CN      Estra-4,9-dien13-one, 11-[4-(dimethylamino)phenyl]-17-hydroxy-17-(1-
        propynyl)-, (11.beta.,17.beta.)- (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN      17.beta.-Hydroxy-11.beta.-[4-(dimethylamino)-phenyl]-17.alpha.-(prop-1-
        ynyl)-estra-4,9-dien-3-one
CN      CDB 2477
CN      Mifegyne
CN      Mifeprex
CN      Mifepristone
CN      Mifestone
CN      R 38486
CN      RU 38486
CN      RU 486
CN      RU 486-6
CN      RU486
FS      STEREOSEARCH
DR      122742-25-0, 83203-42-3
MF      C29 H35 N O2
CI      COM
LC      STN Files:  ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
        BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,
        CEN, CHEMCATS, CIN, CSCHM, DDFU, DIOGENES, DRUGNL, DRUGPAT, DRUGU,
        DRUGUPDATES, EMBASE, GMELIN*, HSDB*, IPA, MEDLINE, MRCK*, PHAR, PROMT,
        RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU
        (*File contains numerically searchable property data)
Other Sources:  WHO

```

4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s isoleucine/cn

L8 2 ISOLEUCINE/CN

=> d 1,2

L8 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS

RN 443-79-8 REGISTRY

CN Isoleucine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN DL-Isoleucine

CN Isoleucine, DL- (8CI)

OTHER NAMES:

CN (.+-.)-Isoleucine

FS STEREOSEARCH

DR 19883-67-1, 198412-80-5, 205879-85-2, 224311-99-3, 228416-77-1

MF C6 H13 N O2

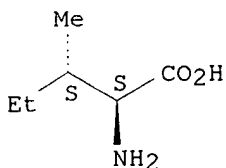
CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, DIOGENES, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, MEDLINE, NAPRALERT, PIRA, PROMT, SPECINFO, TOXCENTER, TULSA, USPATFULL
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(*Enter CHEMLIST File for up-to-date regulatory information)

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

628 REFERENCES IN FILE CA (1962 TO DATE)

10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

629 REFERENCES IN FILE CAPLUS (1962 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L8 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS

RN 73-32-5 REGISTRY

CN L-Isoleucine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Isoleucine, L- (8CI)

OTHER NAMES:

CN (2S,3S)-.alpha.-Amino-.beta.-methyl-n-valeric acid

CN (2S,3S)-.alpha.-Amino-.beta.-methylvaleric acid

CN (2S,3S)-2-Amino-3-methylpentanoic acid

CN (S)-Isoleucine

CN (S,S)-Isoleucine

CN 2-Amino-3-methylvaleric acid

CN 230: PN: WO03000865 SEQID: 230 claimed

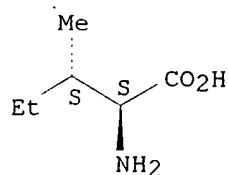
CN 25: PN: WO02077013 SEQID: 478 claimed

CN 295: PN: WO03004623 SEQID: 295 claimed

CN 2S,3S-Isoleucine

CN 466: PN: WO02077186 SEQID: 466 claimed
 CN erythro-L-Isoleucine
 CN **Isoleucine**
 CN L-(+)-Isoleucine
 CN L-Ile
 CN L-Norvaline, 3-methyl-, erythro-
 CN Pentanoic acid, 2-amino-3-methyl-, (2S,3S)-
 CN [S-(R*,R*)]-2-Amino-3-methylpentanoic acid
 FS STEREOSEARCH
 DR 7004-09-3, 410078-51-2
 MF C6 H13 N O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
 DIOGENES, DRUGU, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA,
 MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS*,
 SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

18011 REFERENCES IN FILE CA (1962 TO DATE)
 334 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 18035 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

> s avilamycin/cn
L11 1 AVILAMYCIN/CN

=> d

L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 11051-71-1 REGISTRY
CN Avilamycin (7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN Avilomycin
CN LY 048740
CN Surmax
DR 51004-33-2
MF Unspecified
CI COM, MAN
LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT,
CAOLD, CAPLUS, CBNB, CIN, DDFU, DRUGU, EMBASE, HSDB*, MEDLINE, MRCK*,
PHAR, PROMT, TOXCENTER, USAN, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: WHO

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
76 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
76 REFERENCES IN FILE CAPLUS (1962 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s sodium nitroprusside/cn
L12 1 SODIUM NITROPRUSSIDE/CN

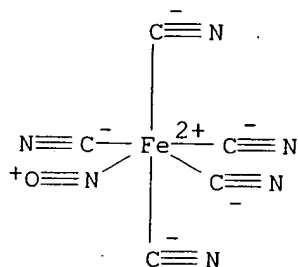
=> d

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 14402-89-2 REGISTRY
CN Ferrate(2-), pentakis(cyano-.kappa.C)nitrosyl-, disodium, (OC-6-22)- (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ferrate(2-), pentacyanonitrosyl-, disodium (8CI)
CN Ferrate(2-), pentakis(cyano-C)nitrosyl-, disodium, (OC-6-22)-
CN Sodium nitroprusside (6CI)
OTHER NAMES:
CN Disodium pentacyanonitrosylferrate
CN Disodium pentacyanonitrosylferrate(2-)
CN Naniprus
CN Nipride
CN Nipruss
CN Nitroprusside sodium
CN Nitroprusside sodium salt
CN Ro 21-2498
CN Sodium nitroferricyanide
CN Sodium nitroprussiate
CN Sodium nitroprusside (Na₂[Fe(CN)₅NO])
CN Sodium nitrosopentacyanoferrate
CN Sodium nitrosylpentacyanoferrate
DR 14165-53-8, 36-73-7, 54373-70-5, 20249-47-2, 22681-81-8, 51267-92-6
MF C₅ Fe N₆ O . 2 Na
CI CCS, COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST,
CIN, CSCHM, DDFU, DIOGENES, DRUGU, EMBASE, GMELIN*, IFICDB, IFIPAT,
IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*,

=> s sodium nitroprusside/cn
L12 1 SODIUM NITROPRUSSIDE/CN

=> d

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 14402-89-2 REGISTRY
CN Ferrate(2-), pentakis(cyano-.kappa.C)nitrosyl-, disodium, (OC-6-22)- (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ferrate(2-), pentacyanonitrosyl-, disodium (8CI)
CN Ferrate(2-), pentakis(cyano-C)nitrosyl-, disodium, (OC-6-22)-
CN Sodium nitroprusside (6CI)
OTHER NAMES:
CN Disodium pentacyanonitrosylferrate
CN Disodium pentacyanonitrosylferrate(2-)
CN Naniprus
CN Nipride
CN Nipruss
CN Nitroprusside sodium
CN Nitroprusside sodium salt
CN Ro 21-2498
CN Sodium nitroferricyanide
CN Sodium nitroprussiate
CN Sodium nitroprusside (Na₂[Fe(CN)₅NO])
CN Sodium nitrosopentacyanoferrate
CN Sodium nitrosylpentacyanoferrate
DR 14165-53-8, 36-73-7, 54373-70-5, 20249-47-2, 22681-81-8, 51267-92-6
MF C5 Fe N6 O . 2 Na
CI CCS, COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST,
CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, GMELIN*, IFICDB, IFIPAT,
IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*,
TOXCENTER, USAN, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**, WHO
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (15078-28-1)



● 2 Na⁺

2983 REFERENCES IN FILE CA (1962 TO DATE)
18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2988 REFERENCES IN FILE CAPLUS (1962 TO DATE)
38 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
361 REFERENCES IN FILE CAPLUS (1962 TO DATE)

IS NOT A VALID FIELD CODE
L16 224 (L2 OR L4 OR METYRAPONE OR MIFEPRISTONE) AND (VALINE OR LEUCINE
OR ISOLEUCINE OR L6 OR L7 OR L8)

=> s l16 and (vitamin c)

11 FILES SEARCHED...

L17 13 L16 AND (VITAMIN C)

=> s l16 or l17 and ascorbic acid

12 FILES SEARCHED...

L18 224 L16 OR L17 AND ASCORBIC ACID

=> s (l16 or l17 or l18), and (avilamycin or l11 or l12 or sodium nitroprusside or
nipride or nipruss or l13 or pyrollopyrimidine or -arginine diethylamine nitric
oxide or or oligosaccharide)

MISSING TERM 'OR OR'

The search profile that was entered contains a logical
operator followed immediately by another operator.

=> s (l16 or l17 or l18) and (avilamycin or l11 or l12 or sodium nitroprusside or
nipride or nipruss or l13 or pyrollopyrimidine or -arginine diethylamine nitric
oxide or oligosaccharide)

'CN' IS NOT A VALID FIELD CODE

'CN' IS NOT A VALID FIELD CODE

9 FILES SEARCHED...

'CN' IS NOT A VALID FIELD CODE

'CN' IS NOT A VALID FIELD CODE

'CN' IS NOT A VALID FIELD CODE

L19 12 (L16 OR L17 OR L18) AND (AVILAMYCIN OR L11 OR L12 OR SODIUM
NITROPRUSSIDE OR NIPRIDE OR NIPRUSS OR L13 OR PYROLLOPYRIMIDINE
OR -ARGININE DIETHYLAMINE NITRIC OXIDE OR OLIGOSACCHARIDE)

=>

L20 = 117 L16 + 057225

p <=

L13
=> s -nitroso-n-acetylpenicillamine/cn
1 S-NITROSO-N-ACETYL-PENICILLAMINE/CN

```

> s 122 and stress
L23          96 L22 AND STRESS

=> s (12 or metyrapone) and (mifepristone or 14) and (valine or 16) and (leucine or
17) and (isoleucine or 18)
'CN' IS NOT A VALID FIELD CODE
'CN' IS NOT A VALID FIELD CODE
'CN' IS NOT A VALID FIELD CODE
  10 FILES SEARCHED...
'CN' IS NOT A VALID FIELD CODE
'CN' IS NOT A VALID FIELD CODE
L24          65 (L2 OR METYRAPONE) AND (MIFEPRISTONE OR L4) AND (VALINE OR L6)
              AND (LEUCINE OR L7) AND (ISOLEUCINE OR L8)

=> s 124 and 123
L25          61 L24 AND L23

=> s 125 and 120
L26          61 L25 AND L20

=> s 125 and 119
L27          5 L25 AND L19

=> d 1-5

L27 ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2003 ACS
AN  2000:666594  CAPLUS
DN  133:251654
TI  Agents and methods for promoting production gains in animals
IN  Cook, Christian John
PA  The Horticulture and Food Research Institute of New Zealand Limited, N. Z.
SO  PCT Int. Appl., 59 pp.

```

```

=> s pyrollopyrimidine/cn
L9          0 PYROLLOPYRIMIDINE/CN

=> s pyrollopyrimidine
          0 PYROLLOPYRIMIDINE
L10         0 PYROLLOPYRIMIDINE

=> e pyrollopyrimidine
E1          1      PYROLLIDONE/BI
E2          1      PYROLLINE/BI
E3          0 --> PYROLLOPYRIMIDINE/BI
E4          1      PYROLLYL/BI
E5          14     PYROLOBUS/BI
E6          1      PYROLOX/BI
E7          1      PYROLOY/BI
E8          2      PYROLUMI/BI
E9          2      PYROLUMISANTONIN/BI
E10         1      PYROLUSITE/BI
E11         1      PYROLUTEORIN/BI
E12         2      PYROLUX/BI

=>

```

TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (15078-28-1)

AN 2002:191154 USPATFULL
 TI Diagnostic/therapeutic agents
 IN Klaveness, Jo, Oslo, NORWAY
 Rongved, Pal, Oslo, NORWAY
 Hogset, Anders, Oslo, NORWAY
 Tolleshaug, Helge, Oslo, NORWAY
 Cuthbertson, Alan, Oslo, NORWAY
 Godal, Aslak, Oslo, NORWAY
 Hoff, Lars, Oslo, NORWAY
 Gogstad, Geir, Oslo, NORWAY
 Bryn, Klaus, Oslo, NORWAY
 Naevestad, Anne, Oslo, NORWAY
 Lovhaug, Dagfinn, Oslo, NORWAY
 Hellebust, Halldis, Oslo, NORWAY
 Solbakken, Magne, Oslo, NORWAY
 PA Nycomed Imaging AS (non-U.S. corporation)
 PI US 2002102217 A1 20020801
 AI US 2001-925715 A1 20010810 (9)
 RLI Continuation of Ser. No. US 1997-959206, filed on 28 Oct 1997, PATENTED
 PRAI GB 1996-22366 19961028
 GB 1996-22369 19961028
 GB 1997-2195 19970204
 GB 1997-8265 19970424
 GB 1997-11837 19970606
 GB 1997-11839 19970606
 US 1997-49263P 19970607 (60)
 US 1997-49264P 19970606 (60)
 US 1997-49266P 19970607 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 5190
 INCL INCLM: 424/009.520
 NCL NCLM: 424/009.520
 IC [7]
 ICM: A61B008-00

L21 ANSWER 4 OF 11 USPATFULL

AN 2002:191152 USPATFULL
 TI Diagnostic/therapeutic agents
 IN Klaveness, Jo, Oslo, NORWAY
 Rongved, Pal, Oslo, NORWAY
 Hogset, Anders, Oslo, NORWAY
 Tolleshaug, Helge, Oslo, NORWAY
 Naevestad, Anne, Oslo, NORWAY
 Hellebust, Halldis, Oslo, NORWAY
 Hoff, Lars, Oslo, NORWAY
 Cuthbertson, Alan, Oslo, NORWAY
 Lovhaug, Dagfinn, Oslo, NORWAY
 Solbakken, Magne, Oslo, NORWAY
 PA NYCOMED IMAGING AS (non-U.S. corporation)
 PI US 2002102215 A1 20020801
 AI US 2001-765614 A1 20010122 (9)
 RLI Continuation of Ser. No. US 1997-960054, filed on 29 Oct 1997, PATENTED
 Continuation-in-part of Ser. No. US 1997-958993, filed on 28 Oct 1997,
 PATENTED
 PRAI GB 1996-22366 19961028
 GB 1996-22367 19961028
 GB 1996-22368 19961028
 GB 1997-699 19970115
 GB 1997-8265 19970424
 GB 1997-11842 19970606
 GB 1997-11846 19970606

US 1997-49264P 19970606 (60)
US 1997-49265P 19970606 (60)
US 1997-49268P 19970607 (60)
DT Utility
FS APPLICATION
LN.CNT 6583
INCL INCLM: 424/009.520
INCLS: 514/044.000
NCL NCLM: 424/009.520
NCLS: 514/044.000
IC [7]
ICM: A61K049-00
ICS: A61K048-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L21 ANSWER 5 OF 11 USPATFULL
AN 2002:126306 USPATFULL
TI 52 human secreted proteins
IN Ni, Jian, Germantown, MD, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Birse, Charles E., North Potomac, MD, UNITED STATES
Fiscella, Michele, Bethesda, MD, UNITED STATES
Komatsoulis, George A., Silver Spring, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Duan, D. Roxanne, Bethesda, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Wei, Ping, Brookeville, MD, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
PI ~~US 2002064818~~ A1 20020530
AI US 2001-789561 A1 20010222 (9)
RLI Continuation-in-part of Ser. No. WO 2000-US24008, filed on 31 Aug 2000,
UNKNOWN
PRAI US 1999-152317P 19990903 (60)
US 1999-152315P 19990903 (60)
DT Utility
FS APPLICATION
LN.CNT 24623
INCL INCLM: 435/069.100
INCLS: 435/006.000; 435/007.100; 536/023.100; 435/325.000
NCL NCLM: 435/069.100
NCLS: 435/006.000; 435/007.100; 536/023.100; 435/325.000
IC [7]
ICM: C12P021-02
ICS: C12Q001-68; G01N033-53; C07H021-04; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L21 ANSWER 6 OF 11 USPATFULL
AN 2002:17328 USPATFULL
TI Dha-pharmaceutical agent conjugates of taxanes
IN Shashoua, Victor, Brookline, MA, UNITED STATES
Swindell, Charles, Merion, PA, UNITED STATES
Webb, Nigel, Bryn Mawr, PA, UNITED STATES
Bradley, Matthews, Layton, PA, UNITED STATES
PI US 2002010208 A1 20020124
AI US 2001-846838 A1 20010501 (9)
RLI Continuation of Ser. No. US 1998-135291, filed on 17 Aug 1998, ABANDONED

Continuation of Ser. No. US 1996-651312, filed on 22 May 1996, GRANTED,
Pat. No. US 5795909

DT Utility
FS APPLICATION
LN.CNT 2437
INCL INCLM: 514/449.000
NCL NCLM: 514/449.000
IC [7]
ICM: A61K031-337

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L21 ANSWER 7 OF 11 USPATFULL
AN 2002:3850 USPATFULL
TI Fibroblast growth factor-like molecules and uses thereof
IN Itoh, Nobuyuki, Otsu, JAPAN
PI US 2002001825 A1 20020103
AI US 2001-822485 A1 20010402 (9)
RLI Continuation-in-part of Ser. No. US 2000-540118, filed on 31 Mar 2000,
PENDING
DT Utility
FS APPLICATION
LN.CNT 4409
INCL INCLM: 435/069.400
INCLS: 435/325.000; 435/320.100; 530/399.000; 800/008.000; 514/012.000;
514/044.000; 536/023.500
NCL NCLM: 435/069.400
NCLS: 435/325.000; 435/320.100; 530/399.000; 800/008.000; 514/012.000;
514/044.000; 536/023.500
IC [7]
ICM: A01K067-00
ICS: C12P021-02; C12N005-06; C07H021-04; A61K048-00; A61K038-18

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L21 ANSWER 8 OF 11 USPATFULL
AN 2001:90260 USPATFULL
TI Fatty acid-pharmaceutical agent conjugates
IN Webb, Nigel L., Bryn Mawr, PA, United States
Bradley, Matthews O., Laytonsville, MD, United States
Swindell, Charles S., Merion, PA, United States
Shashoua, Victor E., Brookline, MA, United States
PI US 2001002404 A1 20010531
AI US 2000-730450 A1 20001205 (9)
RLI Continuation of Ser. No. US 1996-651428, filed on 22 May 1996, ABANDONED
DT Utility
FS APPLICATION
LN.CNT 2511
INCL INCLM: 514/560.000
INCLS: 514/558.000
NCL NCLM: 514/560.000
NCLS: 514/558.000
IC [7]
ICM: A61K031-20

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L21 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
AN 2000:666594 CAPLUS
DN 133:251654
TI Agents and methods for promoting production gains in animals
IN Cook, Christian John
PA The Horticulture and Food Research Institute of New Zealand Limited, N. Z.
SO PCT Int. Appl., 59 pp.
CODEN: PIXXD2

L21 ANSWER 11 OF 11 USPATFULL
AN 1998:98932 USPATFULL
TI DHA-pharmaceutical agent conjugates of taxanes
IN Shashoua, Victor E., Brookline, MA, United States
Swindell, Charles S., Merion, PA, United States
Webb, Nigel L., Bryn Mawr, PA, United States
Bradley, Matthews O., Laytonsville, MD, United States
PA Neuromedica, Inc., Conshohocken, PA, United States (U.S. corporation)
PI US 5795909 19980818
AI US 1996-651312 19960522 (8)
DT Utility
FS Granted
LN.CNT 2451
INCL INCLM: 514/449.000
INCLS: 514/549.000
NCL NCLM: 514/449.000
NCLS: 514/549.000
IC [6]
ICM: A61K031-335
ICS: A61K031-22
EXF 514/449; 514/549
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000054766	A1	20000921	WO 2000-NZ26	20000313
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, JS, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1169030	A1	20020109	EP 2000-911506	20000313
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	NZ 1999-334627	A	19990312		
	WO 2000-NZ26	W	20000313		
RE.CNT	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L21 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2003 ACS
AN 2000:259972 CAPLUS
DN 132:293042
TI Encapsulation of sensitive liquid components into a matrix to obtain discrete shelf-stable particles
IN Van Lengerich, Bernhard H.
PA General Mills, Inc., USA
SO PCT Int. Appl., 56 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000021504	A1	20000420	WO 1999-US20905	19991006
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2345815	AA	20000420	CA 1999-2345815	19991006
	AU 9963872	A1	20000501	AU 1999-63872	19991006
	EP 1119345	A1	20010801	EP 1999-951433	19991006
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2002527375	T2	20020827	JP 2000-575480	19991006
	NO 2000004784	A	20000925	NO 2000-4784	20000925
PRAI	US 1998-103700P	P	19981009		
	US 1998-109696P	P	19981124		
	US 1999-233443	A	19990120		
	US 1998-79060P	P	19980323		
	WO 1999-US4267	W	19990323		
	WO 1999-US20905	W	19991006		
RE.CNT	1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=> s valine/cn

L6 2 VALINE/CN

=> d

L6 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS

RN 516-06-3 REGISTRY

CN Valine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN DL-Valine

CN Valine, DL- (8CI)

OTHER NAMES:

CN (.+-.)-Valine

CN (RS)-Valine

CN DL-.alpha.-Aminoisovaleric acid

FS 3D CONCORD

DR 186023-77-8

MF C5 H11 N O2

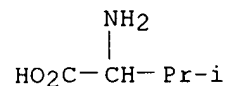
CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, DIOGENES, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIADB, MEDLINE, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, SPECINFO, TOXCENTER, TULSA, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



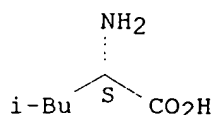
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1450 REFERENCES IN FILE CA (1962 TO DATE)

47 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1451 REFERENCES IN FILE CAPLUS (1962 TO DATE)

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)



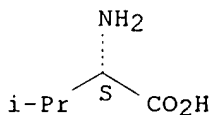
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

27527 REFERENCES IN FILE CA (1962 TO DATE)
 598 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 27556 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 16 2

L6 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS
 RN 72-18-4 REGISTRY
 CN L-Valine (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Valine, L- (8CI) .
 OTHER NAMES:
 CN (S)-.alpha.-Amino-.beta.-methylbutyric acid
 CN (S)-2-Amino-3-methylbutanoic acid
 CN (S)-2-Amino-3-methylbutyric acid
 CN (S)-Valine
 CN 2-Amino-3-methylbutanoic acid
 CN Butanoic acid, 2-amino-3-methyl-, (S)-
 CN L-(+)-.alpha.-Aminoisovaleric acid
 CN L-.alpha.-Amino-.beta.-methylbutyric acid
 CN **Valine**
 FS STEREOSEARCH
 DR 7004-03-7, 16872-32-5
 MF C5 H11 N O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

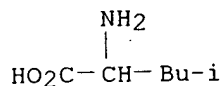
Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

23028 REFERENCES IN FILE CA (1962 TO DATE)
 655 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 23054 REFERENCES IN FILE CAPLUS (1962 TO DATE)

MF C6 H13 N O2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, DIOGENES, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, SPECINFO, TOXCENTER, TULSA, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1105 REFERENCES IN FILE CA (1962 TO DATE)
 27 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1106 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d 2

L7 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS
 RN 61-90-5 REGISTRY
 CN L-Leucine (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Leucine, L- (8CI)
 OTHER NAMES:
 CN (S)-(+)-Leucine
 CN (S)-2-Amino-4-methylpentanoic acid
 CN (S)-2-Amino-4-methylvaleric acid
 CN (S)-Leucine
 CN L-(+)-Leucine
 CN L-.alpha.-Aminoisocaproic acid
 CN L-Norvaline, 4-methyl-
 CN Leu
 CN **Leucine**
 CN Pentanoic acid, 2-amino-4-methyl-, (S)-
 FS STEREOSEARCH
 DR 7005-03-0
 MF C6 H13 N O2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

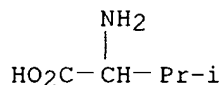
Absolute stereochemistry. Rotation (+).

=> s valine/rn
L5 0 VALINE/RN

=> s valine/cn
L6 2 VALINE/CN

=> d

L6 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS
RN 516-06-3 REGISTRY
CN Valine (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN DL-Valine
CN Valine, DL- (8CI)
OTHER NAMES:
CN (.+-.)-Valine
CN (RS)-Valine
CN DL-.alpha.-Aminoisovaleric acid
FS 3D CONCORD
DR 186023-77-8
MF C5 H11 N O2
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN,
CSCHEM, DETHERM*, DIOGENES, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB,
MEDLINE, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, SPECINFO, TOXCENTER,
TULSA, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1450 REFERENCES IN FILE CA (1962 TO DATE)
47 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1451 REFERENCES IN FILE CAPLUS (1962 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s leucine/cn
L7 2 LEUCINE/CN

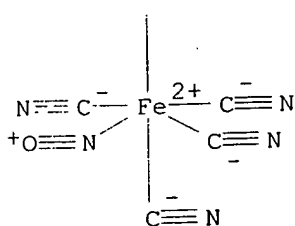
=> d

L7 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS
RN 328-39-2 REGISTRY
CN Leucine (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN DL-Leucine
CN Leucine, DL- (8CI)
OTHER NAMES:
CN (.+-.)-Leucine
CN (RS)-Leucine
FS 3D CONCORD

=> s l-argine diethylamine nitric oxide/cn
L14 0 L-ARGININE DIETHYLAMINE NITRIC OXIDE/CN

=> s l-argine diethylamine nitric oxide
1277991 L
37 ARGINE
1992 DIETHYLAMINE
3409 NITRIC
551384 OXIDE
147 OXIDES
551384 OXIDE
L15 0 L-ARGININE DIETHYLAMINE NITRIC OXIDE

=> e l-ar



●2 Na⁺

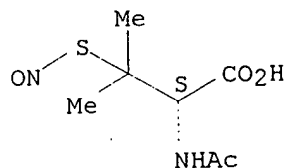
2983 REFERENCES IN FILE CA (1962 TO DATE)
 18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2988 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 38 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s s-nitroso-n-acetylpenicillamine/cn
 L13 1 S-NITROSO-N-ACETYPENICILLAMINE/CN

=> d

L13 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
 RN 79032-48-7 REGISTRY
 CN D-Valine, N-acetyl-3-(nitrosothio)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **S-Nitroso-N-acetylpenicillamine**
 FS STEREOSEARCH
 MF C7 H12 N2 O4 S
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CHEMCATS, CSCHM, EMBASE, IPA, MEDLINE, PHAR, PROMT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.



PYROLUX/BI 2 E12
 PYROLUT/BI 1 E11
 PYROLUT/BI 1 E10
 PYROLUT/BI 2 E9
 PYROLUT/BI 2 E8
 PYROLUT/BI 1 E7
 PYROLUT/BI 1 E6
 PYROLUT/BI 14 E5
 PYROLUT/BI 1 E4
 PYROLUT/BI 0 --> E3
 PYROLUT/BI 1 E2
 PYROLUT/BI 1 E1
 => e pyrolopyrimidine
 0 PYROLUT/BI L10
 0 PYROLUT/BI
 => s pyrolopyrimidine
 0 PYROLUT/BI L9
 => s pyrolopyrimidine/cn

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT
 360 REFERENCES IN FILE CA (1962 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA